

ARCO DUM DUM CALK





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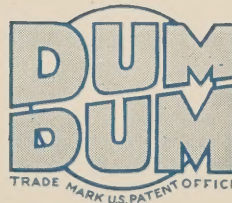
CALKING is today recognized as essential for all types of buildings.

Architects, weatherproofing contractors, heating and maintenance engineers, and other authorities, are all in accord on the use of calking compounds to save on fuel bills, to preserve decorations and to safeguard health.

Heating engineers always provide for additional radiation in uncalked buildings, as they estimate that often as much as twice the amount of heat is used in heating an uncalked building as one adequately calked.

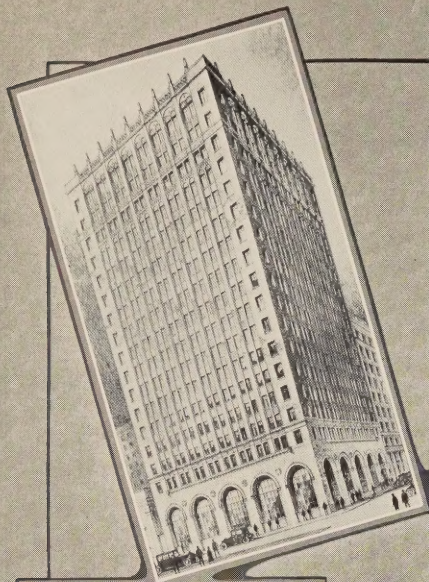
Weatherproofing contractors will tell you that a weatherstrip job without calking, is at best only 50 per cent efficient.

Statements from users of Arco Dum Dum Calk show that their buildings are not only cleaner, warmer, healthier and more comfortable in all kinds of weather, but that the saving in fuel often pays for the calk job, the first year.

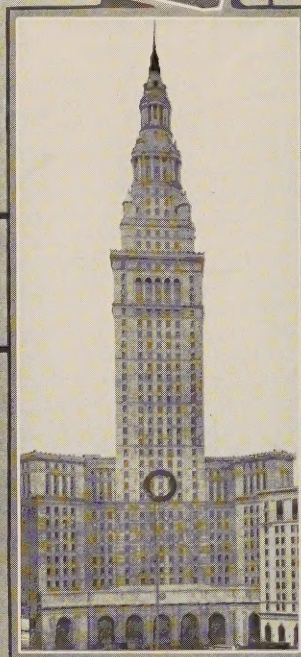


PRODUCT AND TRADE NAME

ORIGINATED BY ARCO
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The Country's
Finest Buildings Are
Calked With
Arco Dum Dum
Calk



CALKING

EVERY masonry building has cracks and openings between the window and door frames and the brick, stucco, concrete or stone of its construction, which permit the entry of moisture, cold air, soot, and dirt.

A one-eighth inch opening around thirty average frames is equivalent to an open space of three feet by two feet, through which a full-grown man can easily crawl. In addition, a broadside wind develops greater velocity when directed into these cracks, carrying dampness and moisture to attack the frames and causing interior plaster to absorb moisture and more readily retain dust, dirt and soot. Cold air currents entering the walls result in unhealthy cross currents from side to side between floors.

Arco Dum Dum Calk, an elastic, waterproof mastic compound, forced into such cracks under pressure permanently seals the openings, and renders them air-and-moisture-tight. In addition it converts the space between outer and inner walls into a dead air chamber, the best insulator known.

Calking may be done from the outside of a building. Occupants need not be disturbed and often do not know that men are working on the job. No part of the window needs to be removed. All wide cracks are backed up with oakum, and Arco Dum Dum Calk is forced under pressure far back into the cracks, with a neat, attractive bead on the surface. No noise, no mussiness, and highly efficient workmanship.

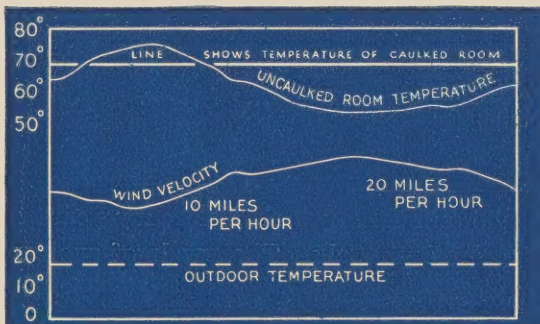
Calking Prevents Rotting of Wood Frames

Dampness which enters the cracks between woodwork and masonry finds its way to the underside of the frame, which is generally inadequately protected with paint coats, and rot and decay are the result. Adequate calking prevents this loss.

Calking Prevents Corrosion in Steel Frames

Moisture absorbed by the cement mortar in which steel frames are generally set, react with its alkali and lime salt contents to the detriment of the metal. Adequate calking keeps out this moisture.

Temperature and Wind Chart



Data taken from an actual test conducted in two rooms exactly alike in every particular except around the outside of the window frames. Note the effect of the wind upon the temperature of the uncalked room—and the steady, even temperature of the room that was calked. Calking makes possible a warm, comfortable building kept at an even temperature.



Calking with Arco Dum Dum Calk and the Arco Hand Pressure Calking Gun

Calking Shuts Out Dampness, Soot, Smoke and Dirt

Not only does calking keep out wind, cold, and dampness, and prevents corrosion and decay, but it saves decorations, hangings and draperies. By shutting out cold and dampness and sealing in heat it makes for better health and sanitation.

The permanent, long lived, durable method of Calking is with Arco Dum Dum Calk. It is economical, money saving, and more essential to your buildings than weatherstripping.

ARCO DUM DUM CALK**COLORS—Natural, Slate and Black**

ARCO DUM DUM CALK is a permanently elastic plastic used primarily for sealing cracks and openings around door and window frames, although it has many other uses in calking, glazing, pointing, etc.

It is so formulated that it dries over the surface with a tough film or skin, sealing in the oils of its manufacture, but remains pliable below to allow for contraction and expansion, and never cracks or shrinks.

Adheres tightly to masonry, metal, wood or glass, and acts as an insulator and weather and water-proofing agent. The long life, non-drying oils and long fiber asbestos of its composition make it ideal for permanent results.

Arco Dum Dum Calk is made in both knife and gun consistency, the knife grade for small jobs, to be applied with an ordinary putty knife, the gun grade for use with the Arco Calking Gun described on Page 11.

While Arco Dum Dum Calk is regularly supplied in Natural, Slate and Black Colors, it can be had in other shades when the quantity justifies. All shades may be painted over.

Arco Dum Dum Calk (gun consistency) was formerly marketed under the trade name "Sterlastic" but has recently been included in the list of well-known Arco "Dum Dum" products.

ARCO DUM DUM STAINLESS CALK**COLORS—Natural, Slate and Black**

Arco Dum Dum Stainless Calk possesses all the characteristics of regular Arco Dum Dum Calk but is made with stainless oils to allow for use on limestone and other white or light colored stone work.

ARCO DUM DUM GLAZING PUTTY**(Formerly STERLASTIC—Knife Grade)**

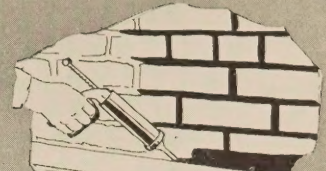
Differs from Arco Dum Dum Calk in that this putty dries and sets up hard almost immediately upon application. Designed to meet glazing and similar conditions where a fast setting, hard drying plastic is desired. Colors: Natural, Slate and Black.

ARCO CAULK TITE**Gun Consistency—Black Only**

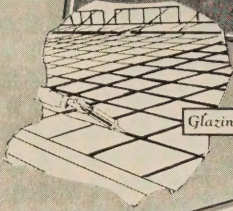
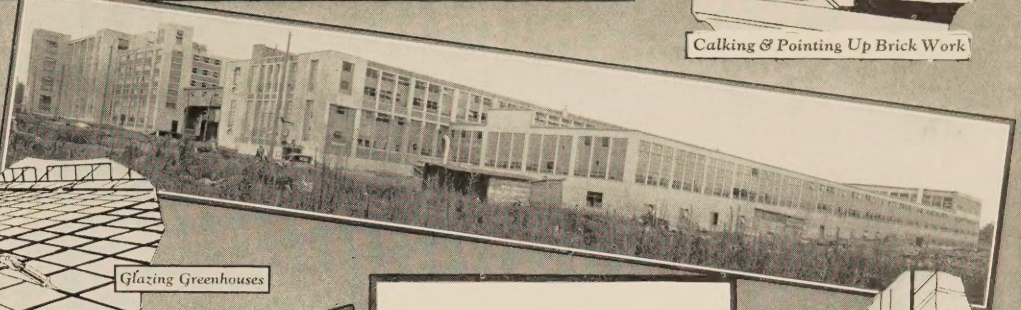
A most economical gun consistency calk in black only, made and sold by Arco for many years to answer the demand for a lower priced material than Arco Dum Dum Calk. Thousands of successfully calked buildings with Caulktite attest to its great value.

ARCO GREENHOUSE PUTTY

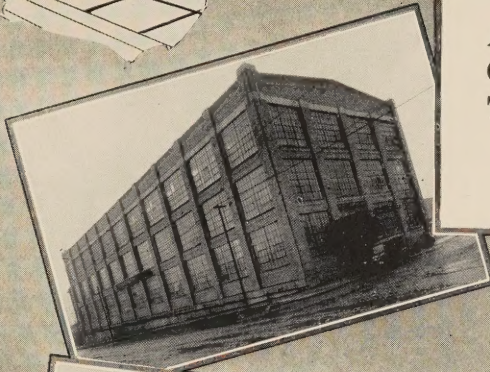
An especially formulated plastic, long a favorite with the country's leading greenhouses. Supplied in natural shade.



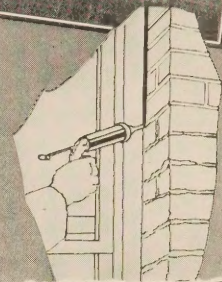
Calking & Pointing Up Brick Work



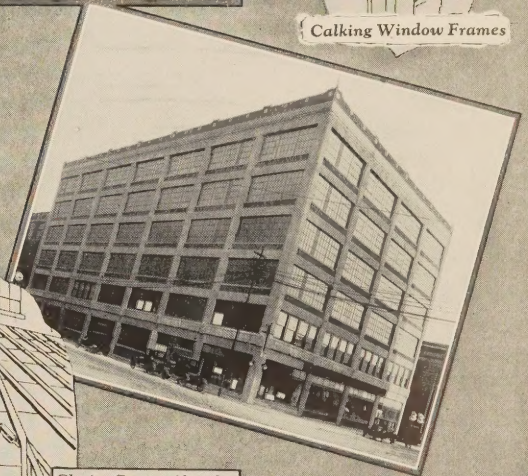
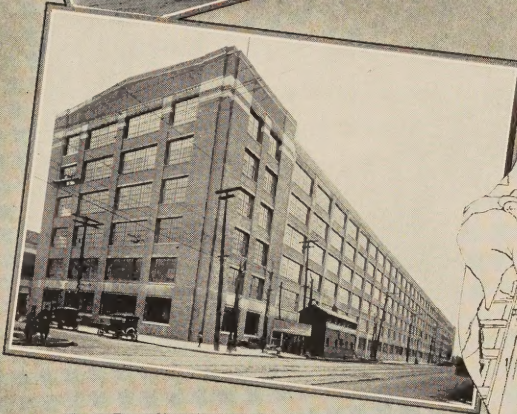
Glazing Greenhouses



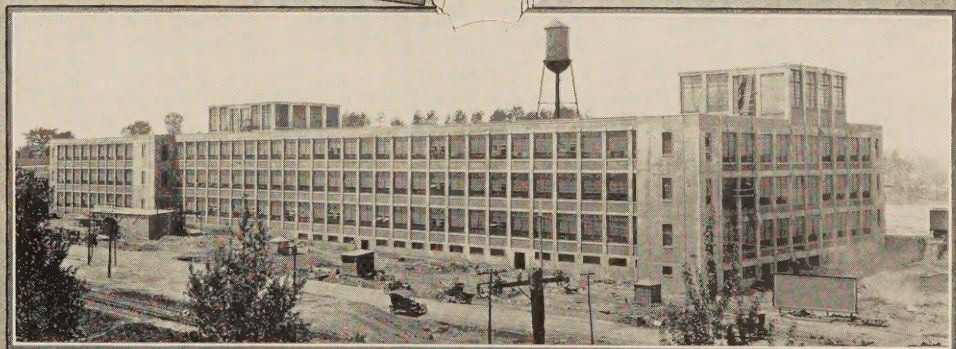
Arco Dum Dum
Calk Saves More
Than Enough Fuel
to Pay for Its
Application



Calking Window Frames



Glazing Factory Skylights



ARCO DUM DUM CALK

For Calking

CALKING frames tight to masonry, seals in warmth, shuts out cold, eliminates draughts, saves fuel, and protects the frame from rot and rust. Wood frames invariably shrink and twist or pull away from the masonry with age. Sooner or later the mortar around steel frames falls away admitting moisture that rusts the frames. Arco Dum Dum Calk, shot into the cracks, shuts out the wind, moisture, soot, dirt and grime. Usually the fuel saved in heating during a single winter pays for calking.

For Pointing

The protection of mortar joints with an elastic, weatherproof compound such as Arco Dum Dum Calk is a necessity, for mortar is not waterproof—it crumbles and falls away, allowing moisture and frost to work their way into the wall. On a coping or horizontal surface the moisture frequently works into the building in the form of a leak—the source of which is often difficult to locate. Frost getting behind or under a masonry veneer may work units out of position, weakening the structure.

Mortar also collects soot and grime which are washed out by rains over the face of the building causing unsightly streaks. By pointing with Arco Dum Dum Calk the wall is made uniformly weatherproof, as all joints are sealed weather, water and frost proof. Arco Dum Dum Calk can be made to blend perfectly with the wall, or used in a contrasting color.

For Bedding

By imbedding frames set in masonry walls with Arco Dum Dum Calk an absolutely weatherproof and waterproof joint is formed. The elasticity of Arco Dum Dum Calk absorbs any expansion or contraction between the frame and the masonry. Cement mortar dries hard and brittle and has a tendency to crack and crumble whereas Arco Dum Dum Calk remains plastic and tenacious.

For Glazing

Putty dries out hard and brittle. It sometimes allows water to seep in. As Arco Dum Dum Calk remains permanently elastic, glazing with it insures a waterproof joint. If for any reason the glass is to be removed, a putty knife forced in the Arco Dum Dum Calk rolls it off neatly and cleanly. It is not necessary to chisel it out, scratch or gouge the sash, or shatter the glass.

Approximate Covering Capacity of Arco Dum Dum Calk

Glazing and Pointing:

- $\frac{3}{8}$ inch bead—185 feet per gallon
- $\frac{1}{2}$ inch bead—135 feet per gallon
- $\frac{3}{4}$ inch bead— 80 feet per gallon

Calking:

- 144 lineal feet per gallon
- This is about six 4 x 6 windows per gallon

STANDARD SPECIFICATIONS FOR ARCO DUM DUM CALK

These specifications are necessarily general. Copied entirely or in part, however, they make a comprehensive but simple model specification.

CALKING WITH ARCO DUM DUM CALK

Wood Windows and Door Frames

1. Outside of Staff Bead, or where there is no Staff Bead

- a. Any cleaning or pointing of the building exterior shall be done before calking frames. Interior window and door trim shall be set before calking is begun. All calking, including the sills, shall be done on the exterior side of the building wall.
- b. Thoroughly calk all joints around all windows and door frames, in such a manner as will make them air-tight, with Arco Dum Dum Calk, manufactured by The Arco Company, forcing as much Arco Dum Dum Calk as possible into the space between the masonry and the outside of the wood frames, around jambs, heads and sills.
- c. Apply Arco Dum Dum Calk with the Arco Hand Calking Gun so as to make a neat, smooth bead, one edge flush with the face of the staff mold, the other edge flush against the masonry, and not extending more than $\frac{1}{4}$ inch out beyond the face of the staff mold, sill or frame. (See figure 1, Page 9.)

2. Behind Staff Bead

- a. Any cleaning or pointing of the building exterior shall be done before calking sash and frames. Interior window and door trim shall be set before calking is begun. All calking, including the sills, shall be done on the exterior side of the building wall.
- b. The general contractor will provide for removing temporarily set staff molds previous to the calking of window and door frames, and after the calking is completed, inspected and approved, he will reset same permanently in place.
- c. Thoroughly calk all joints around all window and door frames in such a manner as will make them air-tight, with Arco Dum Dum Calk as manufactured by The Arco Company, forcing as much Arco Dum Dum Calk as possible into the space between the masonry and the outside of the wood frames, around jambs, heads and sills.
- d. Apply Arco Dum Dum Calk with the Arco Hand Pressure Calking Gun so as to make a neat, smooth bead, one edge flush with the face of the sill or frame, the other edge flush against the masonry, and not extending more than $\frac{1}{4}$ inch out beyond the face of the staff mold, sill or frame. (See figure 2, Page 9.)

NOTE: When Arco Dum Dum Calk is to be applied to old woodwork, a sealing coat of linseed oil, varnish or other type of sealer should first be applied to prevent oils from the calk being absorbed by the dry wood.

Metal Windows and Door Frames and Ornamental Iron

Follow same procedure as given above for wood window and door frames. (See figures 5, 6, 7, 8, Page 10.)

CALKING WITH OAKUM AND ARCO DUM DUM CALK

Wood Windows and Door Frames

- a. The general contractor will build in his window and door frames or ornamental iron so that there will be a clear space $\frac{1}{8}$ inch to $\frac{1}{4}$ inch wide around the head and jambs and at least $\frac{1}{2}$ inch deep to receive the calking material. If this opening is not provided the general contractor shall rake out all cement or mortar between frame and masonry or stone before calking is started. If space between frame and masonry is over $\frac{3}{4}$ inch wide, the general contractor shall have same blocked with wood strip or filled with cement mortar before calking, so as to leave an opening as provided above.
- b. Any cleaning or pointing of the building exterior shall be done before calking frames. Interior window and door trim shall be set before calking is begun. All calking, including the sills, shall be done on the exterior side of the building wall.
- c. The general contractor will provide for removing temporarily set staff molds, previous to the calking of the windows and door frames, and after the calking is completed, inspected and approved, he will reset same permanently in place.
- d. Thoroughly calk in such a manner as will make them air-tight, all joints around all windows and door frames, filling the space between the masonry and the outside of the wood frames around jambs, heads and sills, to within $\frac{3}{8}$ inch of the surface with Oakum, packing in firmly with a calking tool. Then fill the remaining space full with Arco Dum Dum Calk as manufactured by The Arco Company.
- e. Apply Arco Dum Dum Calk with the Arco Hand Calking Gun so as to make a neat, smooth bead, one edge flush with the face of the frame, the other edge flush against the masonry and not extending more than $\frac{1}{4}$ inch out beyond the face of the sill of frame. (See figure 3, Page 9.)

Metal Windows and Door Frames and Ornamental Iron

Follow same procedure as given for wood window and door frames.

SETTING OF FRAMES AND BEDDING OF SILLS IN ARCO DUM DUM CALK

The carpenter contractor is to set frames and bed sills in Arco Dum Dum Calk manufactured by The Arco Company. (See figure 4, Page 9.)

The contractor should provide for setting of all water bars in Arco Dum Dum Calk in order to prevent any leaks from developing at the sill.

The steel sash contractor shall provide for setting of all steel sash in Arco Dum Dum Calk, manufactured by The Arco Company, in order to make the joint between the steel sash and wood, brick, or stone, water and air-tight. (See figures 5 and 7, Page 10.)

POINTING WITH ARCO DUM DUM CALK

(For joints in all stone copings, cornices, and projecting stone work)

The mason contractor will rake out joints to a depth of $\frac{3}{4}$ inch and width of $\frac{1}{2}$ inch in all features with exposed tops and faces. Before applying Arco Dum Dum Calk, clean joints thoroughly, then prime the opening and fill these joints with Arco Dum Dum Calk as manufactured by The Arco Company. Apply with a calking gun, forcing as much Arco Dum Dum Calk as possible into the spaces in such manner as will make them weather-tight.

GLAZING WITH ARCO DUM DUM CALK

Preparation of Glass

Glass shall be accurately cut to fit the lines in the rabbet, and all edges of the glass shall be straight and true. The sizes will be substantially as given on the drawings; the contractor, however, without extra charge is to furnish the glass as required to fill the sash and openings as constructed in the building, whether more or less than the sizes given on the drawings.

Glazing and Setting

Wood Sash

- a. All glass shall be properly bedded in Arco Dum Dum Calk, knife consistency, manufactured by The Arco Company, and delivered to the job in the original and sealed containers.
- b. All glass shall be properly bradded, and front and back puttied with Arco Dum Dum Calk, knife consistency, where necessary.
- c. All glass in doors, transoms, over doors, and interior sash shall be held in place by means of wood stops. Exterior glass, where wood stops occur, shall have glass and wood stops laid and back puttied in Arco Dum Dum Calk, manufactured by The Arco Company, and delivered to the job in the original and sealed containers.

Metal Sash

- a. All glass to be set in metal sash shall be held with spring steel glaz-

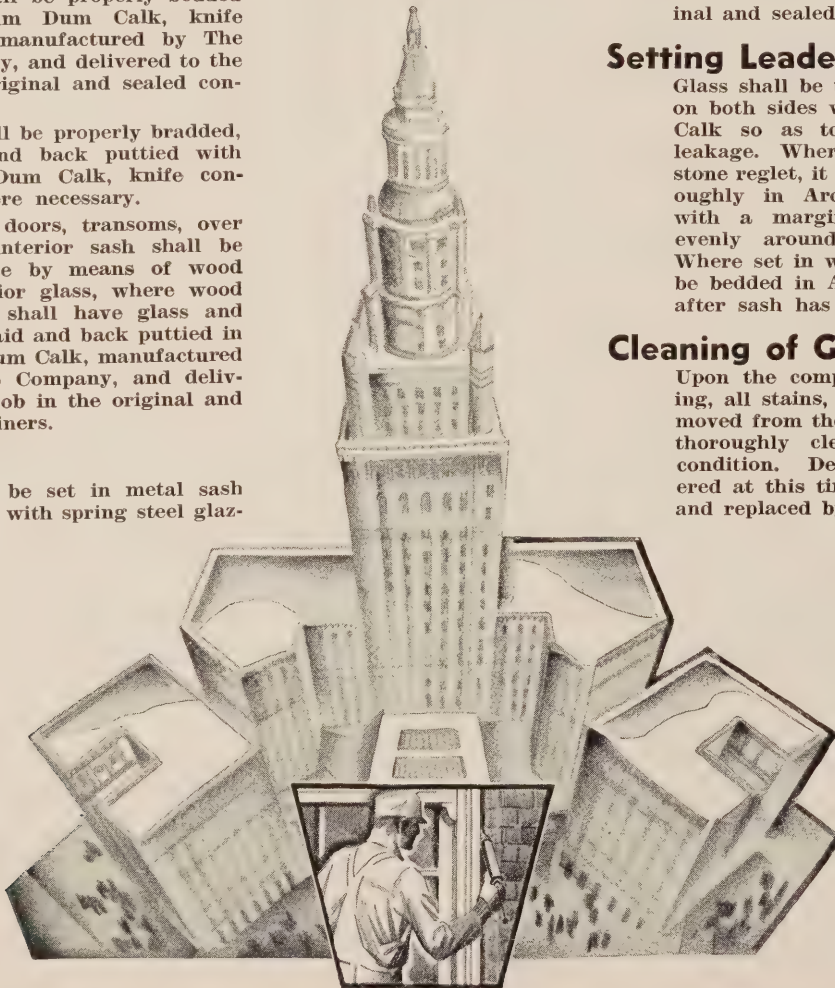
ing clips, and shall be bedded and face puttied with Arco Dum Dum Calk, made by The Arco Company, and delivered to the job in the original and sealed containers.

Setting Leaded Glass

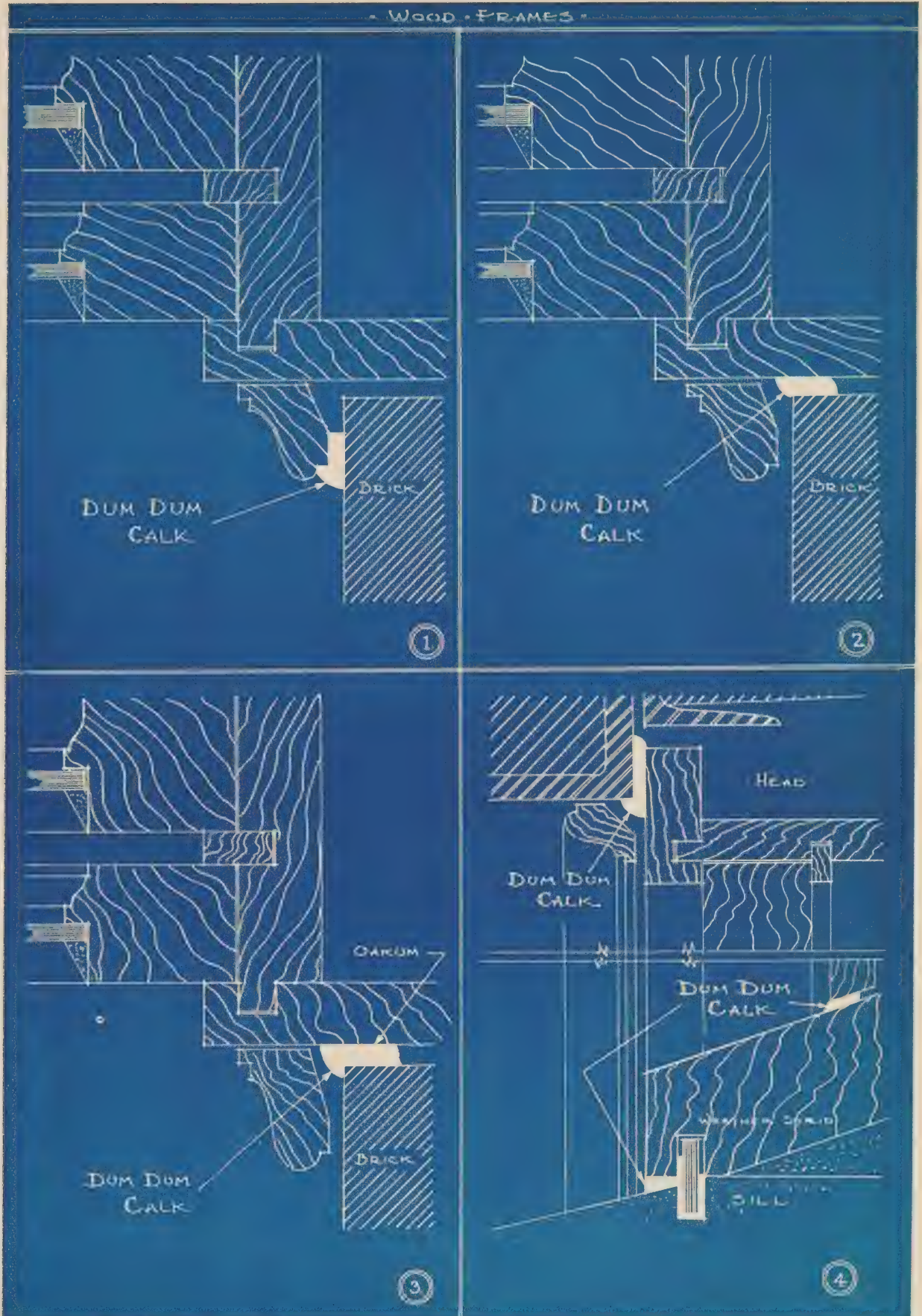
Glass shall be thoroughly cemented on both sides with Arco Dum Dum Calk so as to guarantee against leakage. Where glass is to set in stone reglet, it shall be bedded thoroughly in Arco Dum Dum Calk with a margin of lead showing evenly around edge of opening. Where set in wood or steel it shall be bedded in Arco Dum Dum Calk after sash has been primed.

Cleaning of Glass

Upon the completion of the building, all stains, oil, etc., shall be removed from the glass, leaving same thoroughly clean and in perfect condition. Defective glass discovered at this time shall be removed and replaced by perfect glass.



WOOD FRAMES



• STEEL • FRAMES •



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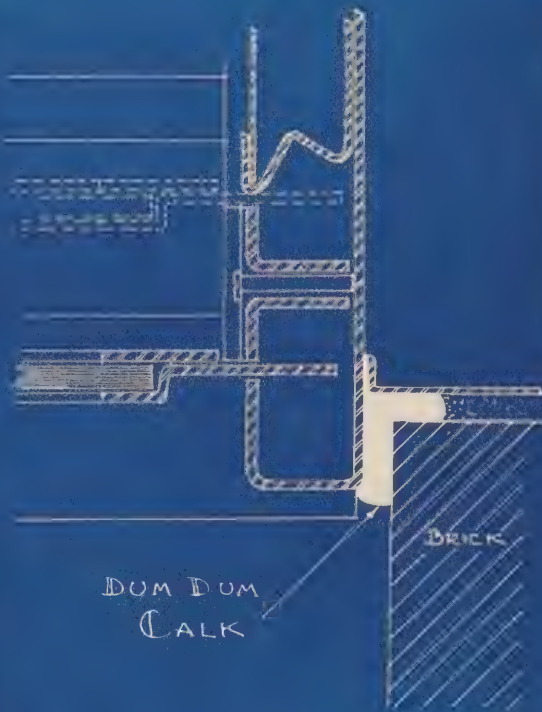
VOIGTMANN •



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ADDITIONAL USES OF ARCO DUM DUM CALK

In addition to the uses of Arco Dum Dum Calk already described, its very nature makes it ideal for hundreds of everyday needs.

Calking of Boats

Oakum and Calk, as every boat owner knows, make hulls watertight and dry.

Cracks in Stucco

A can of Arco Dum Dum Calk, a putty knife and a few hours' work will patch cracks and holes and keep out cold, moisture and dirt.

Nail Holes in Wood

Arco Dum Dum Calk is more effective than putty, which dries hard, shrinks and crumbles.

Between Bathtubs, Sinks and Wall, etc.

Keeps everything waterproof and prevents dampness, rot and decay. May be painted over.

Aquariums

Although Arco supplies regular aquarium cement for larger aquariums, Arco Dum Dum Calk is superior to many aquarium cements available for the casual job.

Chimneys

Ideal for pointing chimneys where mortar is crumbling.

Waterproofing

Between brick work and masonry at walk, at buildings, for sidewalk cracks, and dozens of other needs.

THE ARCO CALKING GUN

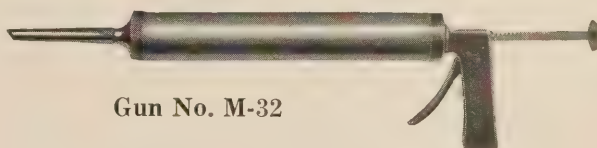
One of the few practical applicators for calk, as it is light in weight and may be used with one hand. Since the appearance of this original calk gun there have been many imitators, but none so practical, so fool-proof, so easy to operate.

Arco, recognized for their development of plastic dum dums, and position as leaders in their sale, are constantly approached by makers and inventors of new types of guns, cartridge applicators, etc., and urged to adopt their sale. However, tests for efficiency and light weight have prevented Arco from recommending most of them.



M-35

M-36



Gun No. M-32

Arco Gun M-32 comes equipped with Nozzle M-35.

Extra Nozzle—

M-36—Extra Large Calking Nozzle.

PARTIAL LIST OF USERS OF ARCO DUM DUM CALK

New Kanawha Power Co.	Alloy, W. Va.	Seeger Refrigerating Co.	St. Paul, Minn.
Bird & Son, Inc.	E. Walpole, Mass.	N. P. Severin Co.	Minneapolis, Minn.
Leonard S. Chace & Son, Inc.,	Fall River, Mass.	G. B. R. Smith Milling Co.	
Edison Electric Illuminating		Sherman, Texas:	Minneapolis, Minn.
Co. of Boston	Boston, Mass.	Allentown School District	Allentown, Pa.
A. C. Lawrence Leather Co. . . .	Peabody, Mass.	Jahncke Service, Inc.	New Orleans, La.
Naumkeag Steam Cotton Co. . . .	Salem, Mass.	New Orleans Public	
Nathaniel Tufts Meter Works . . .	Boston, Mass.	Service, Inc.	New Orleans, La.
Central Power & Light Co., San	Benito, Texas	Board of Commissioners of	
Escanaba Paper Co.	Gross, Mich.	Port of New Orleans	New Orleans, La.
Albany Hospital	Albany, N. Y.	The Roosevelt Hotel	New Orleans, La.
Beechnut Packing Co.	Canajoharie, N. Y.	Detroit City Gas Co.	Detroit, Mich.
Covert Mfg. Co.	Watervliet, N. Y.	Hupp Motor Car Co.	Detroit, Mich.
D. McDonall & Co., Inc.	Albany, N. Y.	Security Company	Detroit, Mich.
J. A. Cleveland Investment Co.,	Hollywood, Fla.	Aaborn Company	Brooklyn, N. Y.
Florida East Coast		Brooklyn Edison Co.	Brooklyn, N. Y.
R. R. Co.	New York City, N. Y.	A. Schrader's Son, Inc.	Brooklyn, N. Y.
General Building & Repair Co. . .	Tampa, Fla.	Buffalo Bolt Co.	Buffalo, N. Y.
Hajoca Corp.	Tampa, Fla.	E. I. Du Pont De Nemours	
Academy of The Holy Name	Tampa, Fla.	& Co., Inc.	Niagara Falls, N. Y.
C. L. Knight & Son	Tampa, Fla.	Washburn Crosby Co.	Buffalo, N. Y.
Miakka Hotel	Venice, Fla.	Aberfoyle Mfg. Co.	Chester, Pa.
Rutherford, Inc.	Tampa, Fla.	Robert Craig Co.	Norwood Station, Pa.
G. A. Miller Builders, Inc.	Tampa, Fla.	Hulton Dyeing Co., Inc.	Philadelphia, Pa.
Pan American Aviation		Longwood Farms	Kennett Square, Pa.
Supply Corp.	New York City, N. Y.	Bell Telephone Co.	Philadelphia, Pa.
American Tobacco Co.	Louisville, Ky.	Board of Education	Philadelphia, Pa.
Consolidated Gas Co.		U. S. War Dept., Bridesburg, (Philadelphia, Pa.)	
of New York	New York City, N. Y.	Ward Belmont School	Nashville, Tenn.
E. K. Richards	Tampa, Fla.	Eternit, Inc.	St. Louis, Mo.
St. Francis Hospital	Miami Beach, Fla.	Commonwealth Edison Co.	Chicago, Ill.
Tampa Union Terminal, Inc.	Tampa, Fla.	Gold Medal Foods, Inc.	So. Chicago, Ill.
West Coast Waterproofing		Illinois Philip Carey Co.	Chicago, Ill.
Co.	St. Petersburg, Fla.	U. S. Engineers Office	Rock Island, Ill.
Lehigh Valley R. R. Co.	Jersey City, N. J.	Fashion Park, Inc.	Rochester, N. Y.
City of New York	Brooklyn, N. Y.	Board of Education	Rochester, N. Y.
Otis Elevator Co.	Yonkers, N. Y.	The University of Rochester—	
United Merchants & Manufacturers		School of Medicine &	
Management Corp.	New York City, N. Y.	Strong Memorial Hospital, Rochester, N. Y.	
Diamond Match Co.	Oswego, N. Y.	Adams Millis Corp.	High Point, N. C.
J. R. Garrett Co.	Binghamton, N. Y.	Berkshire Knitting Mills	Reading, Pa.
James Leck Co.	Dixfield, Me.	Textile Machine Works	Reading, Pa.
Oswego Falls Corp.	Fulton, N. Y.	Reading School District	Reading, Pa.
Syracuse Supply Co.	Syracuse, N. Y.	R. E. Ivy	Allentown, Pa.
Acme Building Cleaning Co.,	Minneapolis, Minn.	Miller & Singer	Allentown, Pa.
August Cederstrand & Co.	Minneapolis, Minn.	Jacoby & Everett	Allentown, Pa.
Board of Education	Minneapolis, Minn.	The Irving Worsted Co.	Chester, Pa.
Minneapolis-Moline Power &		Williamson Free Trade School . . .	Williamson, Pa.
Implement Co.	Hopkins, Minn.	Darby Township School Dist. . . .	Sharon Hill, Pa.
Northwestern Glass Co.	Minneapolis, Minn.	Tinicum Township School Dist. . . .	Lester, Pa.
University of Minnesota	Minneapolis, Minn.	Cunningham Piano Co.	Philadelphia, Pa.
North West Sand Blast Co.,	Minneapolis, Minn.	The Denney Tag Co.	West Chester, Pa.

THE ARCO COMPANY

PAINTS - VARNISHES - ENAMELS - LACQUERS
CLEVELAND - LOS ANGELES

BRANCHES IN THE PRINCIPAL CITIES ALL OVER THE WORLD

